

2027 California Thoracic Society Annual Educational Conference & Interstitial Lung Disease Symposium

Thursday March 11, 2027-Sunday March 14, 2027

Earn up to 18.5 CME/CEU/MOC Credits

Jointly Provided by AKH Inc., Advancing Knowledge in Healthcare
and the California Thoracic Society



PORTOLA HOTEL & SPA
AT MONTEREY BAY



Thursday March 11, 2027 (6 CME/CEU/MOC Credits)

ILD Symposium

Friday March 12, 2027 (6 CME/CEU/MOC Credits):

Update on Rare Lung Disease, Advances in Mechanical Ventilation, Lung Transplantation for
the non-Transplant Pulmonologist

Saturday March 13, 2027 (6.5 CME/CEU/MOC Credits)

Update on Pulmonary Embolism, Pregnancy in Pulmonary and Critical Care Medicine,
Infectious Disease in the Intensive Care Unit

Sunday March 14, 2027

Fellow and Resident Track Symposium



California
Thoracic Society
ATS Chapter Serving California and Arizona



Course Information

Activity Overview

This conference brings together regional and national experts to discuss the latest advances in Pulmonary, Critical Care and Sleep Medicine.

- Thursday is dedicated to a multidisciplinary symposium on interstitial lung disease which includes discussion of the current clinical classification of disease, approach to therapy, novel concepts in imaging and pathology, and the complexities of important subgroups.
- Friday will cover the topics of rare lung diseases, advanced concepts in mechanical ventilation and the use of novel smart ventilation modes, and what the non-lung transplant pulmonologist needs to know about lung transplantation.
- Saturday will cover the contemporary update on pulmonary embolism care, the complexities of pregnancy in pulmonary and critical care medicine, and the emerging infectious diseases intensive care unit providers are facing.

Target Audience

The program is designed for Pulmonologists, Critical Care Physicians, Internal Medicine Physicians, Hospitalists, Radiologists, Sleep Specialists, In-Training Fellows and Residents, Nurse Practitioners, Physician Assistants, Registered Nurses, Respiratory Therapists, Sleep Technologists, Pharmacists, and other healthcare professionals in the fields of Pulmonary, Critical Care, and Sleep Medicine.

Learning Objectives

- Discuss the current clinical classification of interstitial lung disease, the current treatment landscape in interstitial lung disease, and how one should approach therapy for the patient with progressive fibrosis.
- Describe how to interpret chest imaging and pathology findings in patients with interstitial lung disease and when to pursue biopsy or not
- Recognize the complexities of care for important subgroups of interstitial lung disease.
- Describe how multidisciplinary teams can improve care for the patient with interstitial lung disease and how community practices can access interstitial lung disease expertise.
- Recognize rare lung diseases, specifically pulmonary alveolar proteinosis, cystic lung diseases, hepatopulmonary syndrome and Hereditary Hemorrhagic Telangiectasia.
- Discuss advanced concepts in mechanical ventilation, the use of artificial intelligence in mechanical ventilation, and how mechanical ventilation is impacted by sleep disorders.
- Recognize when patients should be referred for lung transplantation, how evaluation occurs in the hospitalized patient, and current post-lung transplant outcomes.
- Recognize how the approach to treating pulmonary embolism has changed in recent years, best practices for follow up for the patient with an acute pulmonary embolism.
- Discuss the physiologic changes that occur in pregnancy and how it relates to pulmonary disease, as well as how pulmonary disease changes the obstetric approach to care.
- Describe the infectious disease threats providers are facing in the intensive care unit and understand the potential risks which may emerge leading to the next viral pandemic.



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CME Statement

Criteria for Success for Physicians, Physician Assistants, and Nurse Practitioners

Statements of credit will be awarded based on the participant's attendance. A statement of credit will be available upon completion of an online evaluation/claim credit form. Please claim your credit April 2027. If you have questions about this CE activity, please contact AKH Inc at ketrea@akhcme.com



JOINTLY ACCREDITED PROVIDER™
INTERPROFESSIONAL CONTINUING EDUCATION

CE credit provided by AKH Inc., Advancing Knowledge in Healthcare

In support of improving patient care, this activity has been planned and implemented by AKH Inc., Advancing Knowledge in Healthcare and California Thoracic Society (CTS). AKH Inc., Advancing Knowledge in Healthcare is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

Physicians

AKH Inc., Advancing Knowledge in Healthcare designates this live activity for a maximum of 18.5 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.



Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 18.5 MOC points in the American Board of Internal Medicine's (ABIM) Maintenance of Certification (MOC) program. Participants will earn MOC points equivalent to the amount of CME credits claimed for the activity. It is the CME activity provider's responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC credit.

Physicians Associates



AKH Inc., Advancing Knowledge in Healthcare has been authorized by the American Academy of PAs (AAPA) to award AAPA Category 1 CME credit for activities planned in accordance with AAPA CME Criteria. This activity is designated for 18.5 AAPA Category 1 CME credits. PAs should only claim credit commensurate with the extent of their participation.

Nurse Practitioners



This activity has been planned and implemented in accordance with the Accreditation Standards of the American Association of Nurse Practitioners (AANP) through the joint providership of AKH Inc., Advancing Knowledge in Healthcare and California Thoracic Society (CTS). AKH Inc., Advancing Knowledge in Healthcare is accredited by the American Association of Nurse Practitioners as an approved provider of nurse practitioner continuing education. Provider number: 030803. This activity is pending approval for up to for 18.5 contact hours of accredited education.

Continuing Education for Nurses, Respiratory Therapists, Respiratory Care Practitioners, and Other Associates

The California Thoracic Society is approved by the California Board of Registered Nursing, Provider #CEP599 for a total of 18.5 contact hours. Note: 6 CEU credits are available for Thursday; 6 CEU credits are available for Friday; 6.5 CEU credits are available for Saturday. The course meets the requirements for CE for RCPs in California. Attendees should only claim credits commensurate with the extent of their participation in the activity.

Commercial Support

Full notification of commercial support will be provided in the final activity syllabus.



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Planning Committee

Program Chairs:

Nicholas Kolaitis, MD (UC San Francisco)
Yuri Matusov, MD (Cedars-Sinai)

Education Committee Co-Chairs

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George Su, MD (UC San Francisco)

Fellows Track Chairs/Poster Chairs

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Planning Committee:

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Sachin Chaudhary, MD (Arizona-Tuscon)

Faculty

Keynote Speakers

TBD

Faculty

TBD



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Thursday March 11, 2027

Interstitial Lung Disease Clinical Classification and Approach to Antifibrotic Therapy

11:00 am-11:45 am – Update on ILD classification (2025 ATS/ERS update) and Community integration

- **Speaker TBD** – This speaker will discuss the 2025 update of the international multidisciplinary classification of the interstitial pneumonias put forth by the American Thoracic Society and the European Respiratory Society

11:45 pm – 12:05 pm Biomarkers, genomics, and precision medicine in ILD

- **Speaker TBD** – This speaker will discuss advances in biomarkers and genomics in interstitial lung disease, and will highlight how precision medicine will impact the future of care

12:05 am-12:25 pm - Landscape of current therapy and emerging trials in progressive fibrosing ILD

- **Speaker TBD** – This speaker will discuss the current landscape of pharmacologic therapy in the prevention of progression of pulmonary fibrosis, as well as novel agents in drug development

12:25 pm-12:45 pm - Approach to interstitial lung abnormalities

- **Speaker TBD** – This speaker will discuss the way to approach interstitial lung abnormalities, how to differentiate interstitial lung abnormalities from disease, and how to follow patients with interstitial lung abnormalities

12:45 pm- 1:00 pm - Pro: Patients with IPF/PPF should be on dual combination antifibrotics

- **Speaker TBD** – This speaker will argue in favor of dual combination therapy for the patient with IPF/PPF

1:00 pm- 1:15 pm - Con: Patients with IPF/PPF should NOT be on dual combination antifibrotics

- **Speaker TBD** – This speaker will argue against dual combination therapy for the patient with IPF/PPF

1:15 pm-1:30 pm – Question and Answer

1:30 pm -2:30 pm – Lunch

Imaging, Pathology, and Subgroups of Interstitial Lung Disease

2:30 pm – 2:50 pm – CT findings in ILD and incorporation of AI in interpretation

- **Speaker TBD** – This speaker will discuss ways to differentiate the imaging findings in interstitial lung disease and how artificial intelligence can be used to assist in making the diagnosis

2:50 pm – 3:10 pm – What the pathologist looks for in making the diagnosis

- **Speaker TBD** – This speaker will discuss what the pathologist is looking for under the microscope to differentiate various forms of interstitial lung disease and when the pathologic diagnosis may be helpful

3:10 pm – 3:30 pm – Complexities of care in ILD from Sarcoidosis

- **Speaker TBD** – This speaker will discuss the unique clinical entity of sarcoidosis, how to make the diagnosis, the non-pulmonary systemic manifestations to consider, and when to consider immunosuppressive therapy

3:30 pm – 3:50 pm – Complexities of care in ILD from Chronic Hypersensitivity Pneumonitis

- **Speaker TBD** – This speaker will discuss the unique clinical entity of chronic hypersensitivity pneumonitis, which antigens and exposures are most important to consider, and how clinical management differs from IPF

3:30 pm – 3:50 pm – Complexities of care in ILD from Scleroderma

- **Speaker TBD** – This speaker will discuss the unique clinical entity of Scleroderma related interstitial lung disease, the other important non-parenchymal manifestations to consider, and how clinical management differs from IPF

4:10 pm - 4:25 pm – Question and Answer

Coffee Break with exhibitors: 4:25 pm – 5:05 pm

Comprehensive Care of the patient with Interstitial Lung Disease

5:05 pm – 5:25 pm Pulmonary Hypertension in ILD

- **Speaker TBD** – This speaker will discuss when patients should be screened for pulmonary hypertension in the context of interstitial lung disease, how treatment differs in this population, and emerging therapies under investigation

5:25 pm – 5:45 pm Comprehensive ILD care: pulmonary rehabilitation, transplant referral, and palliative care

- **Speaker TBD** – This speaker will discuss the comprehensive ancillary services required to care for the patient with interstitial lung disease, when to make referrals for rehabilitation, transplantation, and palliation

5:45 pm – 6:30 pm Multidisciplinary ILD discussion with cases

- **Speakers TBD** – In this multidisciplinary case conference a trainee will present three complex cases to a multidisciplinary team of providers including a radiologist, a pathologist, and interstitial lung disease experts

6:30 pm – 6:45 pm - Question and Answer

Friday March 12, 2027

Update on Rare Lung Diseases

8:00 am – 8:15 am – Introduction and Welcome

8:15 am – 9:00 am – The story of Pulmonary Alveolar Proteinosis

- **Speaker TBD** - This speaker will discuss the story of Pulmonary Alveolar Proteinosis, how the diagnosis is made, treatment approaches for the patient with advanced disease, and advances in pharmacotherapy

9:00 am – 9:25 am Evaluation and management of cystic lung diseases

- **Speaker TBD** - This speaker will discuss the rare cystic lung diseases including Lymphangiomyomatosis, Birt-Hogg-Dubé Syndrome, and Lymphoid Interstitial Pneumonia, how to differentiate them, and basic management principles

9:25 am – 9:50 am Portopulmonary Hypertension, Hepatopulmonary syndrome and Hereditary Hemorrhagic Telangiectasia

- **Speaker TBD** - This speaker will discuss the rare diseases of Portopulmonary Hypertension, Hepatopulmonary Syndrome, and Hereditary Hemorrhagic Telangiectasia, how to make the diagnosis, and complexities of care

9:50 am -10:05 am Question and Answer

10:05 am -10:45 am - Coffee Break with exhibitors

Advanced Concepts in Mechanical Ventilation

10:45 am – 11:10 am Advances in artificial intelligence integration into mechanical ventilation

- **Speaker TBD** - This speaker will discuss how artificial intelligence is currently being incorporated into mechanical ventilation, how adaptive support modes work, and the way that artificial intelligence may change future ventilation strategies

11:10 am – 11:25 am Pro: Smart Vent Modes are the best for our patients

- **Speaker TBD** - This speaker will argue in favor of smart vent modes as being standard of care for the critically ill patient

11:25 am – 11:40 am Con: Smart Vent Modes are NOT the best for our patients

- **Speaker TBD** - This speaker will argue in against smart vent modes as being standard of care for the critically ill patient

11:40 am – 12:05 pm - Sleep apneas and mechanical ventilation

- **Speaker TBD** - This speaker will discuss advances in the management of sleep apnea using mechanical ventilation and positive airway pressure devices

12:05 pm – 12:20 pm Q&A

12:20 pm – 1:00 pm – Awards Ceremony

1:00 pm – 2:00 pm Lunch

Hands On Session:

2:00 pm – 3:00 pm: AI imaging for ILD **Speaker TBD** Smart Vent Modes **Speaker TBD**; Organ Preservation Devices **Speaker TBD**; Airway Stents for Post-Transplant Stenosis **Speaker TBD**

3:00 pm – 3:20 pm: Coffee Break with exhibitors

What the non-lung transplant pulmonologists needs to know about lung transplantation

3:30 pm – 3:55 pm - Timing and indications for referral

- **Speaker TBD** - This speaker will discuss the 2021 International Society For Heart and Lung Transplantation Consensus Document on the Selection of Lung Transplant Recipients and what has changed in selection since that time

3:55 pm -4:20 pm - Emergent evaluation for hospitalized/critically ill patient with advanced lung disease

- **Speaker TBD** - This speaker will discuss the considerations when doing an inpatient evaluation for the critically ill and hospitalized patient with advanced lung disease

4:20 pm- 4:45 pm Donor management and advances in organ preservation

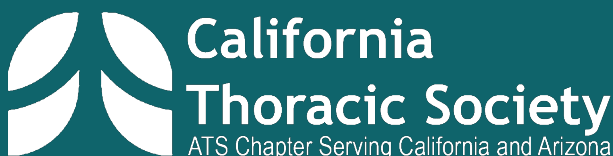
- **Speaker TBD** – This speaker will discuss how donors should be optimized to ensure adequacy of donation, and how organ preservation has advanced through ex-vivo lung perfusion and cold preservation

4:45 pm -5:10 pm Post transplant care and outcomes

- **Speaker TBD** - This speaker will discuss how post transplant care has improved over time in the outcomes that are meaningful to patients, and the major drug interactions non-transplant providers need to be aware of

5:00 pm – 5:10 pm: Question and Answer

5:30 pm – 7:00 pm: Women in Pulmonary, Critical Care, and Sleep Medicine (NON-CME) – Food and beverages will be served



Saturday March 13, 2027

Update on Pulmonary Embolism

8:00 am – 8:15 am – Introduction and Welcome

8:15 am – 9:00 am – Keynote: Update on the 2026 Multi Society PE Guidelines

- **Speaker TBD** - This speaker will discuss the new AHA/ACC/ACCP/ACEP/CHEST/SCAI/SHM/SIR/SVM/SVN guidelines on the management of acute pulmonary embolism in adults

9:00 am – 9:15 am – Pro - Percutaneous thrombectomy is standard of care for acute pulmonary embolism

- **Speaker TBD** - This speaker will argue in favor of percutaneous thrombectomy as standard of care for acute PE

9:15 am – 9:30 am – Con - Percutaneous thrombectomy is NOT standard of care for acute pulmonary embolism

- **Speaker TBD** - This speaker will argue in favor of percutaneous thrombectomy as standard of care for acute PE

9:30 am – 9:55 am – After the pulmonary embolism: post-acute follow-up

- **Speaker TBD** - This speaker will describe optimal follow up for the patient with a pulmonary embolism, the model of a post pulmonary embolism clinic, and when to consider testing for chronic thromboembolic pulmonary hypertension

9:50-10:05 am Question and Answer

10:05 am – 10:45 am: Coffee break with exhibitors

Pregnancy in Pulmonary and Critical Care Medicine

10:45 am – 11:10 am – Physiologic changes in respiration during pregnancy

- **Speaker TBD** - This speaker will discuss the physiologic changes in pregnancy impact on pulmonary function and exercise

11:10 am – 11:35 am – Asthma in pregnancy

- **Speaker TBD** - This speaker will discuss the worsening of asthma control that is commonly seen in pregnancy, how to best manage asthma exacerbations in pregnancy, and what therapeutic options to avoid in pregnancy

11:35 am – 12:10 pm – Pulmonary Arterial Hypertension in pregnancy

- **Speaker TBD** - This speaker will discuss the how pregnancy impacts pulmonary hemodynamics, which medications are teratogenic in pregnancy, and how to handle the pregnant patient with PAH and CTEPH

12:10 pm – 12:35 pm - Obstetric considerations in the pregnant patient with critical illness and pulmonary disease

- **Speaker TBD** - This speaker will discuss the obstetric considerations for the pregnant patient with pulmonary disease and critical illness, when to consider early delivery, and what to monitor in the post-partum period

12:35 pm – 12:50 pm – Question and Answer

12:50 pm – 2:00 pm Lunch

Hands-On Session:

1:20 pm – 2:20 pm: Pulmonary embolism retrieval devices **Speaker TBD** CPET machine **Speaker TBD** Personal Protective Equipment **Speaker TBD** Intubation Skills **Speaker TBD**

2:20 pm – 2:45 pm: Coffee Break with Exhibitors

Infectious Diseases in the Intensive Care Unit

3:30 pm – 3:55 pm – Fungal infections in the Intensive Care Unit

- **Speaker TBD** - This speaker will discuss approaches to therapy for emerging fungal infections providers will face in the intensive care unit including Mucor, Candida Aureus/Krusei, Aspergillus, and Coccidioides

3:55 pm -4:20 pm – Viral Hemorrhagic Fevers in the Intensive Care Unit

- **Speaker TBD** - This speaker will discuss the emerging viral hemorrhagic fevers that providers may face in the intensive care unit including Ebola, Dengue, Yellow Fever, and Hantavirus

4:20 pm- 4:45 pm – Meningitis and encephalitis in the Intensive Care Unit

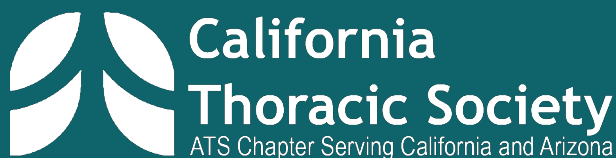
- **Speaker TBD** - This speaker will discuss the approach to diagnosis when a patient presents with meningitis and encephalitis in the intensive care unit, how to differentiate various diseases, and which treatments are mandatory in which patients

4:45 pm -5:10 pm – Emerging risks for the next pandemic

- **Speaker TBD** - This speaker will discuss current state of various respiratory viruses around the world, which ones pose risks for the next global pandemic, and the current state of preparedness

5:10 pm – 5:25 pm – Question and Answer

5:30 pm – 7:30 pm: Trainee Poster Competition (NON-CME) – Food and beverages will be served



No Educational Content



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